

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032222\
 Data File : VW025124.D
 Acq On : 22 Mar 2022 14:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Mar 23 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 23 01:08:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	143658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	130797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45572	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	37007	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	80364	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.886	46	85339	62.261	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.520%
24) Chloroform-d	4.343	84	90566	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.027	65	36877	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	174834	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.066	67	51940	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.310	98	155623	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.619	79	17332	4.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.085	63	71093	54.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32145	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	50509	4.670	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59384	4.678	ug/L	99
3) Chloromethane	1.243	50	55651	4.649	ug/L	99
5) Vinyl chloride	1.311	62	60589	4.797	ug/L	99
6) Bromomethane	1.523	94	38015	4.657	ug/L	99
8) Chloroethane	1.584	64	36305	4.740	ug/L	98
9) Trichlorofluoromethane	1.754	101	84524	4.920	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	46969	5.042	ug/L	98
12) 1,1-Dichloroethene	2.118	96	45249	4.944	ug/L	99
13) Acetone	2.179	43	54206m	59.132	ug/L	
14) Carbon disulfide	2.294	76	142371	4.348	ug/L	100
15) Methyl Acetate	2.436	43	14360	5.718	ug/L	98
16) Methylene chloride	2.507	84	55276	4.985	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	103340	5.184	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	53635	4.870	ug/L	98
19) 1,1-Dichloroethane	3.188	63	95127	5.075	ug/L	99
21) 2-Butanone	3.970	43	85991	59.434	ug/L	82
22) cis-1,2-Dichloroethene	3.905	96	57710	5.190	ug/L	98
23) Bromochloromethane	4.246	128	22900	5.224	ug/L	98
25) Chloroform	4.368	83	99437	5.095	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	48980	5.047	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	86278	5.173	ug/L	98
30) Cyclohexane	4.674	56	78119	4.814	ug/L	98
31) Carbon tetrachloride	4.825	117	72582	5.072	ug/L	98
33) Benzene	5.095	78	214143	5.034	ug/L	100
34) Trichloroethene	5.908	95	57144	5.045	ug/L	99
35) Methylcyclohexane	6.124	83	86191	4.807	ug/L	99
37) 1,2-Dichloropropane	6.169	63	51575	5.275	ug/L	99
38) Bromodichloromethane	6.506	83	62053	5.019	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	67503	4.973	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	213943	53.182	ug/L	98
42) Toluene	7.384	91	228823	5.139	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	53176	4.978	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	34577	5.295	ug/L	99
47) Tetrachloroethene	7.973	164	39569	4.965	ug/L	97
48) 2-Hexanone	8.137	43	148686	52.134	ug/L	97
49) Dibromochloromethane	8.243	129	37238	5.094	ug/L	99
50) 1,2-Dibromoethane	8.349	107	30822	5.158	ug/L	96
51) Chlorobenzene	8.879	112	142907	5.126	ug/L	99
52) Ethylbenzene	9.008	91	241339	5.124	ug/L	99
53) m,p-xylene	9.133	106	91976	5.071	ug/L	98
54) o-xylene	9.539	106	90062	5.193	ug/L	97
55) Styrene	9.558	104	152295	5.391	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	34562	5.399	ug/L	99
59) Bromoform	9.728	173	16009	4.653	ug/L	98
60) Isopropylbenzene	9.928	105	243053	5.045	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	26531	4.938	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	109572	5.012	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	199822	5.161	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	105574	5.052	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	103745	4.925	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	94569	5.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4651	5.050	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	74342	5.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	58927	5.124	ug/L	100
71) Naphthalene	13.500	128	94732	4.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	49909	5.121	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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